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PRODUCT INFORMATION SHEET

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TOP COAT CLEAR

Description

Motospray Top Coat Clear is a premium quality automotive clear acrylic lacquer. It is designed for the spot repair and full respray of all motor vehicles.

Uses

Top Coat Clear is designed for use over pearl, metallic and mica acrylic finishes to match original automotive basecoat/clearcoat finishes.
Motospray COB Base Colour, pearl, metallic and mica acrylic finishes mixed from the *Motospray Acrylic Tinting System* must be coated with an appropriate clear coat to obtain the high gloss finish and achieve the required durability.

Properties

- Excellent flow and gloss off the gun.
- Excellent adhesion to basecoats
- Excellent weather resistance
- Excellent durability
- Easy to cut and polish
- Petrol resistant

Surface preparation

Repair, fill, prime and prepare thoroughly to the base colour coating stage. See the Product Information Sheet for *Acrylic Lacquer* and associated primers, putties and ancillaries.
Thoroughly sand old existing paintwork to remove gloss completely using P800 - P1200 Wet and Dry. For spot repairs this includes sanding to where the clear will be blended past the colour over existing paint. Use *Prepwash* to degrease all surfaces thoroughly before and after sanding. Apply the base colour. Allow *COB Base Colour*, pearl, metallic and mica acrylic finishes one hour drying time under normal conditions prior to application of the *Top Coat Clear*. Allow longer at lower air temperature. Do not sand *COB Base Colour*, pearl, metallic and mica acrylic finishes prior to clear application.

Thinning

Thin 1 part *Top Coat Clear* with 1.5 parts *Aclac 20* acrylic thinner or *Superglow* multipurpose thinner. In hot or humid conditions and/or where large surface areas are to be coated, replace up to 25% of the thinner with *Motospray Retarder Thinner*.

Application

Apply using a suction feed or gravity feed spray gun.

Typical spray set-up is:-

Suction Gun: Fluid Tip 1.6-2.0 mm Pressure 350-500 kPa (50-72 psi)

Gravity Gun: Fluid Tip 1.6-2.0 mm Pressure 350-500 kPa (50-72 psi)

HVLP: 1.9 mm tip, 25-30psi constant into gun, 12-14psi out of gun.

Apply 2-3 double header coats allowing 10-15 minutes flash off time between coats at 20°C.

For spot repairs, extend each coat beyond the edge of the previous coat blending into surrounding finish. Mist coat edges with the same thinner used in the clear coat to assist the blend.

Drying

Touch dry in fifteen minutes at 20°C.

Cutting and Polishing

To remove minor imperfections such as dust and orange peel use *Motospray Super Duty Rubbing Compound* or *Machine Grade Cutting Compound*. Allow minimum drying time of 24 hours at 25°C before compounding. Allow longer time where drying may be slowed due to higher film thickness or lower air temperatures. Do not attempt to compound before drying is complete.

Note: Do not cut and polish satin or matt finishes. Do not apply protective wax or polymer type polishes until the acrylic lacquer is at least 4 weeks old.

Storage

Store in a cool dry place. Always replace the lid securely after use.

Safety

See material safety data sheet.

Standard packages

TCC400	aerosol
TCC1	1 litre
TCC4	4 litre
TCC20	20 litre

The information contained in this bulletin is presented in good faith based on thorough laboratory and field testing but without warranty. As we have no control over the conditions under which these products are used, it is recommended that all products be tested by the end user to ensure the suitability of the product for the particular application and conditions.